

APPLICATION
OF
CEES A. VAN DER VOORT
FOR
LILY PLANT NAMED 'BERNINI'

BACKGROUND OF THE INVENTION

The present invention comprises a new and distinct cultivar of lily plant, botanically known as *Lilium L.*, and hereinafter referred to by the cultivar name 'Bernini'.

5 'Bernini' is a product of a planned breeding program which had the objective of creating new lily cultivars having large, upright, pink flowers.

'Bernini' was originated from a hybridization made by the inventor in a controlled breeding program in Rijnsburg, the Netherlands, in 1983. The male and female parents were unnamed seedlings of *Lilium L.* oriental hybrids. Both parents are proprietary cultivars used in the breeding program.

10 'Bernini' was discovered and selected as one flowering plant within the progeny of the stated cross by the inventor, Cees A. van der Voort, on June 7, 1983 in a controlled environment in Rijnsburg, the Netherlands.

15 The first act of asexual reproduction of 'Bernini' was accomplished when scales were taken from the initial selection in October 1986 in a controlled environment in Rijnsburg, the Netherlands by, or under the supervision of, Cees A. van der Voort. Horticultural examination of selected units initiated in May, 1986 has demonstrated that the combination of characteristics as herein disclosed for 'Bernini' are firmly fixed and are retained through successive generations of asexual reproduction.

20 BRIEF DESCRIPTION OF THE INVENTION

The following traits have been repeatedly observed and are determined to be basic characteristics of 'Bernini' which, in combination, distinguish this lily as a new and distinct cultivar:

1. large, upright, pink flowers;

2. curled axis of the outer tepals;
3. dark-pink spots on the tepals; and
4. vigorous growth habit.

5 'Bernini' has not been observed under all possible environmental conditions. The phenotype of the new cultivar may vary significantly with variations in environment such as temperature, light intensity, and daylength without any change in genotype. The following observations, measurements, and comparisons describe plants grown in the Dutch experimental research station CPRO-DLO, Wageningen, the Netherlands under
10 conditions which approximate those generally used in commercial practice.

Of the many commercial cultivars known to the present inventor, no other cultivars are similar in comparison to 'Bernini'.

BRIEF DESCRIPTION OF THE DRAWING

15 *AI* The accompanying color photographic drawing shows typical plant, ~~bulb~~ and flower characteristics of 'Bernini', with colors being as true as possible with illustrations of this type.

DETAILED BOTANICAL DESCRIPTION

20 In the following description, color references are made to The Royal Horticultural Society Colour Chart (RHS). The color values were determined between 12 am and 2 pm at the Dutch experimental research station CPRO-DLO, Wageningen, the Netherlands.

ORIGIN: Seedling from breeding program

PARENTAGE:

Female parent: Unnamed seedling

Male parent: Unnamed seedling

5 CLASSIFICATION:

Botanical: A hybrid of the genus *Lilium* L.

Commercial: Oriental Lily cv. 'Bernini'

PLANT:

Form: A single stem carrying numerous, alternately arranged pedicels

Height: Medium to high for the mature plant, approximately 120 cm

Growth Habit: Vigorous

Stem: Circular in transverse section; anthocyanin pigmentation absent;

internodal length uniform

Foliage:

Quantity: Approximately 70, depending on cultivation conditions

Size of leaf: Mature leaves are approximately 11 cm long and 3.5 cm wide

Shape of leaf: Generally ovate

Color: Light green, RHS 136B

Bulb:

Size: 16 to 18 cm in circumference

Color: White/pink

25 BUD:

Form: Tapering like a lancet
 Size: 12 cm in length depending on cultivation conditions
 Opening: Unfolds normally
 Color: Pink, RHS 64D, with ~~greyish-brown accents~~
 Tepals: Folded, three visible

FLOWER:

Blooming habit: Raceme
 Size: Large, 23 cm in diameter depending on cultivation conditions
 Borne: Upright along a longitudinal axis
 Shape: Generally, hexagonal star in form and bowl-shaped in cross-section
 Tepalage:

Number of Tepals: 6

Arrangement: Three inner and three outer

Color:

Upper Surface: Pink, RHS 63B to RHS 86B, flower mid-vein RHS 63A

Lower Surface: Pink, RHS 65A

Spotting or Marking: Spots and markings are present, dark pink in color, RHS 68A

Pedicel:

Length: ~~11 cm~~

Color: RHS 132D

Form: Rounded

Texture: Papillose

Disease Resistance: ~~Medium~~

Fragrance: Weak

Lasting Quality: Excellent ⁶⁷

REPRODUCTIVE ORGANS:

5 Stamens and anthers:

Arrangements: Anthers form a generally circular pattern at their upper ends

Number: 6

Length: Long, depending on cultivation conditions

Filaments Color: ~~White~~ ^{RHS 145D}

Pollen color: Greyed-red, RHS 180B

Anther color: Reddish brown ^{RHS 180B}

Pistils: Green ^{RHS 145B}

Stigma: ~~Dark-pink~~ ^{RHS 187A}

Ovaries: Triangular in shape